1. **(Twice Amended)** A method for serving remote procedure calls from an applet which executes within an applet viewer which in turn executes in a computer system that is serving said remote procedure calls, the method comprising:

receiving from the applet which executes in the same computer system that serves said remote procedure calls, a request for a document according to a document retrieval protocol implemented on a computer network;

determining that the request specifies a function which is defined within a computer process executing independently of the applet and applet viewer and which includes one or more computer instructions, execution of which performs a task which is unrelated to both generation and retrieval of any document specified in the request; and

executing the function in the same computer system that is executing said applet and applet viewer to thereby cause execution of the one or more computer instructions in response to receipt of the request.

2. The method of Claim 1 wherein the step of determining comprises:

determining that the request includes a document specification which is in a portion of a name space reserved for function requests.

3. The method of Claim 1 further comprising:

returning to the applet result data produced by execution of the function.

4. The method of Claim 3 wherein the step of returning comprises:

forming a document which includes the data; and

sending the document to the applet.

5. The method of Claim 1 wherein the document retrieval protocol is HTTP.

6. **(Twice Amended)** A computer readable medium useful in association with a computer system which includes a processor and a memory, the computer readable medium including computer instructions which are configured to cause the computer to serve remote procedure calls from an applet, which executes within an applet viewer which in turn executes in the computer system that is serving said remote procedure calls, by performing the steps of:

receiving from the applet which executes in the same computer system that serves said procedure calls, a request for a document according to a document retrieval protocol implemented on a computer network;

determining that the request specifies a function which is defined within a computer process executing independently of the applet and applet viewer and which includes one or more selected computer instructions, execution of which performs a task which is unrelated to both generation and retrieval of any document specified in the request; and

executing the function in the same computer system that is executing said applet and applet viewer to thereby cause execution of the one or more selected computer instructions in response to receipt of the request.

7.   The computer readable medium of Claim 6 wherein the step of determining comprises:

determining that the request includes a document specification which is in a portion of a name space reserved for function requests.

8.   The computer readable medium of Claim 6 where the computer instructions are further configured to cause the computer to serve remote procedure calls by further performing the step of:

returning to the applet result data produced by execution of the function.

9.   The computer readable medium of Claim 8 wherein the step of returning comprises:

forming a document which includes the result data; and

sending the document to the applet.

10.   The computer readable medium of Claim 6 wherein the document retrieval protocol is HTTP.

11.   (Three times Amended)   A computer system comprising:

a processor;

a memory operatively coupled to the processor; and

a computer process which executes in the processor from the memory and which, when executed, serves remote procedure calls received from an applet which executes within an applet viewer which in turn executes in the processor from the memory concurrently and independently from the computer process, wherein the computer process serves the remote procedure calls by performing the steps of:

receiving from the applet which executes in the same computer system that serves remote procedure calls, a request for a document according to a document retrieval protocol implemented on a computer network;

determining that the request specifies a function which is defined within the computer process and which includes one or more computer instructions, execution of which performs a task which is unrelated to both generation and retrieval of any document specified in the request; and

executing the function in the same computer system that is executing said applet and applet viewer to thereby cause execution of the one or more computer instructions in response to receipt of the request.

12.   The computer system of Claim 11 wherein the step of determining comprises:

determining that the request includes a document specification which is in a portion of a name space reserved for function requests.

13. The computer system of Claim 11 where the computer process serves remote procedure calls by further performing the step of:

returning to the applet result data produced by execution of the function.

14. The computer system of Claim 13 wherein the step of returning comprises:

forming a document which includes the result data; and

sending the document to the applet.

15. The computer system of Claim 11 wherein the document retrieval protocol is HTTP.

22. The method of claim 1, wherein the function further comprises a Remote Procedure Call.

23. (Amended) A method for serving remote procedure calls received from an instruction set that executes within a first computer process, the first computer process executing in a computing device that serves the remote procedure calls, the method comprising:

receiving a request for a data file from the instruction set, the request according to a data file retrieval protocol;

determining that the request for the data file specifies a function which is defined within a second computer process executing in the computing device independently of the instruction set and of the first computer process, the function including one or more computer instructions, execution of which performs a task which is unrelated to both generation and retrieval of any data file specified in the request; and

executing the function in the computing device to execute the one or more computer instructions in response to receipt of the request.

24. A method as recited in claim 23, wherein determining that the request for the data file specifies a function comprises determining that the request includes a data file specification which is in a portion of a name space reserved for function requests.

25. A method as recited in claim 23, further comprising returning result data produced by execution of the function to the first computer process.

26. A method as recited in claim 25, wherein returning the result data comprises generating a document which includes the result data, and sending the document to the first computer process.

27. A method as recited in claim 23 wherein the data file retrieval protocol is HTTP.

28. **(Amended)** A computer system comprising:

a processor;

a memory operatively coupled to the processor; and

a first computer process configured to execute in the processor from the memory, the first computer process further configured to serve remote procedure calls received from an instruction set that executes within a second computer process, the second computer process configured to execute in the processor from the memory concurrently and independently of the first computer process, wherein the first computer process serves the remote procedure calls by:

receiving a request for a data file from the instruction set, the request according to a data file retrieval protocol;

determining that the request for the data file specifies a function which is defined within the first computer process, the function including one or more computer instructions, execution of which performs a task which is unrelated to both generation and retrieval of any data file specified in the request; and

executing the function in the computing device to execute the one or more computer instructions in response to receipt of the request.

29.   A computer system as recited in claim 28, wherein determining that the request for the data file specifies a function comprises determining that the request includes a data file specification which is in a portion of a name space reserved for function requests.

30.   A computer system as recited in claim 28, wherein the first computer process further serves the remote procedure calls by returning result data produced by execution of the function to the second computer process.

31.   A computer system as recited in claim 30, wherein returning the result data comprises generating a document which includes the result data, and sending the document to the second computer process.

32.   A computer system as recited in claim 28, wherein the data file retrieval protocol is HTTP.